

What is claimed is:

1. A color filter substrate comprising:  
a transparent substrate; and  
color filters of three colors with a bored part  
5 provided at every pixel on said transparent substrate, color  
filters neighboring to each other in one direction being  
connected to each other, a thin film transistor being to  
oppose to said bored part, and data lines being to be  
aligned along said one direction.

10 2. The color filter substrate according to claim 1,  
further comprising color filters formed in said bored parts  
with the same material as any one of said color filters of  
three colors.

15 3. The color filter substrate according to claim 1,  
further comprising a grid-like black matrix including  
openings formed for all the pixels, and a light-shielding  
film formed in said bored part with a material same as said  
black matrix.

20 4. A manufacturing method of a color filter  
substrate comprising the steps of:  
forming a black matrix on a transparent substrate;  
forming first color filters with a first bored part  
in all the pixels displaying a first color on said black  
matrix, a thin film transistor provided at every pixel  
25 displaying said first color being to oppose to said first  
bored part;

forming second color filters with a second bored part  
in all the pixels displaying a second color on said black

matrix, a thin film transistor provided at every pixel displaying said second color being to oppose to said second bored part; and

forming third color filters with a third bored part  
5 in all the pixels displaying a third color on said black matrix, a thin film transistor provided at every pixel displaying said third color being oppose to said third bored part.

5. A manufacturing method of a color filter  
10 substrate comprising the steps of:  
forming a black matrix on a transparent substrate;  
forming first color filters in all the pixels displaying a first color, in a part of all the pixels displaying a second color, and in a part of all the pixels  
15 displaying a third color on said black matrix, a thin film transistor provided at every pixel displaying said second color being to oppose to said part of said pixels displaying said second color, and a thin film transistor provided at every pixel displaying said third color being to oppose to  
20 said part of said pixels displaying said third color;

forming second color filters with a second bored part in all the pixels displaying said second color on said black matrix, said thin film transistor provided at every pixel displaying said second color being to oppose to said second  
25 bored part; and

forming third color filters with a third bored part in all the pixels displaying a third color on said black matrix, said thin film transistor provided at every pixel

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displaying said third color being oppose to said third bored part.

6. An active matrix type liquid crystal display comprising a color filter substrate according to claim 1.

5 7. An active matrix type liquid crystal display comprising a color filter substrate according to claim 2.

8. An active matrix type liquid crystal display comprising a color filter substrate according to claim 3.

9. A manufacturing method of an active matrix type  
10 liquid crystal display comprising the steps of:

manufacturing a color filter substrate based on a method described in claim 4; and

adhering a substrate with said thin film transistors and said color filter substrate.

15 10. A manufacturing method of an active matrix type liquid crystal display comprising the steps of:

manufacturing a color filter substrate based on a method described in claim 5; and

adhering a substrate with said thin film transistors  
20 and said color filter substrate.

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